

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1255334

Luminaire Tested: P3AS20R209035D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255334
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R209035D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

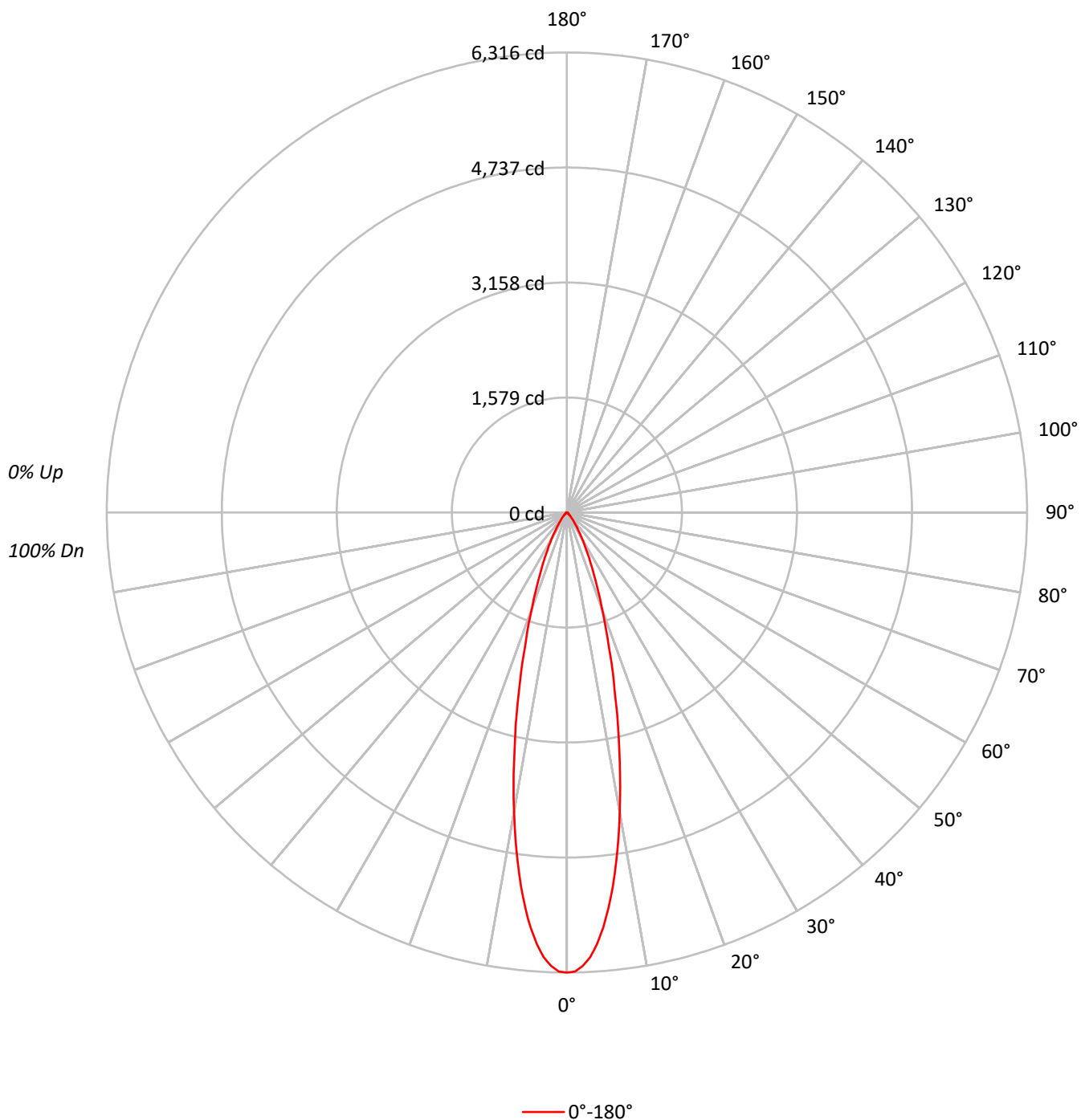
Lumens per Lamp: N/A
Luminaire Lumens: 1800.0 lumens
Efficiency: N/A
Efficacy: 62.5 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1384889
5°	1258901
10°	930399
15°	575554
20°	328679
25°	187632
30°	105231
35°	57259
40°	31344
45°	17242
50°	10098
55°	7302
60°	6842
65°	6330
70°	5578
75°	5931
80°	4420
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17242 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	495.3	27.5
10°-20°	707.0	39.3
20°-30°	369.0	20.5
30°-40°	142.7	7.9
40°-50°	46.3	2.6
50°-60°	18.2	1.0
60°-70°	12.0	0.7
70°-80°	7.1	0.4
80°-90°	2.4	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1571.3	87.3
0°-40°	1714.0	95.2
0°-60°	1778.5	98.8
0°-90°	1800.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1800.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6316	
5°	5719	495
15°	2535	707
25°	776	369
35°	214	143
45°	56	46
55°	19	18
65°	12	12
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	6315.6
1°	6303.5
2°	6228.7
3°	6113.9
4°	5936.5
5°	5719.2
6°	5461.8
7°	5176.7
8°	4846.3
9°	4524.6
10°	4178.5
12.5°	3321.3
15°	2535.3
17.5°	1897.1
20°	1408.5
22.5°	1043.3
25°	775.5
27.5°	572.1
30°	415.6
32.5°	300.8
35°	213.9
37.5°	154.8
40°	109.5
42.5°	78.2
45°	55.6
47.5°	40.0
50°	29.6
52.5°	22.6
55°	19.1
57.5°	17.4
60°	15.6
62.5°	13.9
65°	12.2
67.5°	10.4
70°	8.7
72.5°	8.7
75°	7.0
77.5°	5.2
80°	3.5
82.5°	3.5
85°	1.7
87.5°	1.7
90°	0.0

(END OF REPORT)